

**ABSTRACT**

A method of controlling a transport temperature control unit having cooling and heating cycles for cooling and heating a conditioned space within a transport. The method includes programming a first pre-programmed control mode into the unit, configuring the unit such that a second control mode is programmable into the unit by an end user, querying the end user to select the first pre-programmed control mode or to program the second control mode into the unit, and programming the second control mode into the unit by the end user when the second control mode is desired by the end user. A transport temperature control unit for performing the same and including a first pre-programmed control mode being programmable into the unit and a second control mode being programmable into the unit by an end user. The end user selectively determining whether the first pre-programmed control mode is selectable to control operation of the unit within the conditioned space or the second control mode is programmable into the unit to control operation of the unit within the conditioned space. The second control mode is programmable into the unit by the end user when the second control mode is desired by the end user.